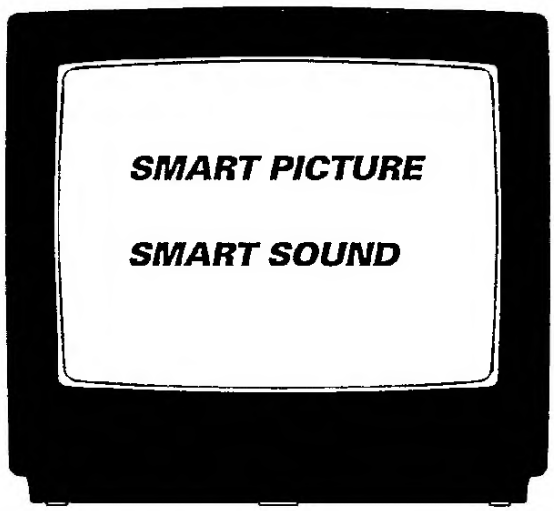
PHILIPS



English

Español

Русский Вариант

PAL/SECAM

14GX8310	14GX8510	14GX8512
20GX8350	20GX8550	20GX8552

OPERATING INSTRUCTIONS

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Safety Information

Disconnect mains plug when :
- the RED light below the screen is flashing continuously.
- a bright white line is displayed across the screen.
- cleaning the TV screen. Never use aggressive cleaning egents. Use a slight damp chamois leether.
- there is a lightning storm.
- the set is left unattended for an extended period of time.

CAUTION: Never attempt to repair a defective TV yourself. Always consult e skilled service personnel.

English

Switch off your TV overnight via the POWER ON/OFF button instead of leaving it on stand-by. You save energy and at the same time demagnetise the picture tube. A demagnetised picture tube supports good picture quality.When the set is switched on, do not shift, move or turn (e.g. on a swivel base) the set around because an uneveness in colour in some parts of the screen may occur.This can be eliminated by switching off the set by the mains power button . Wait for 20 minutes before switching on again. If symptom still exists, call for service.

Before Calling For Service

Please make these simple checks before calling for service.

SYMPTOM	CHECK/ACTION
Colour patch (uneveness)	• Switch off TV by the mains power button. Wait for 20 minutes before switching on again.
No power	• Check TV's AC power cord is plugged into meins socket. If there is still no power, disconnect plug. Wait for 60 seconds and re-insert plug. Switch on TV again.
No picture	• Check entenne connection at rear of the TV. • Possible faulty TV station. Try another channel. • Increase the contrast setting first and then the brightness setting.
Good picture but no sound	• Try increasing the volume. • Check sound is switched on.
Good sound but poor or abnormal colour or no picture	• Increese the contrast setting first and then the brightness setting.
Snowish picture and noise	• Check entenne connection at rear of the TV.
Horizontal dotted lines	• Possible electrical interference(e.g. hairdryer,nearby neon lights, etc). Switch off equipment.
'Ghosts' or double image	• Possible poor positioning of antenna. Using a highly directional antenna may improve reception.
One white line across the screen	• Switch off set immediately and consult service personnel.
TV not responding to remote control handset	• Check life span of batteries. • Aim remote control handset directly at remote control sensor lens on the TV set.

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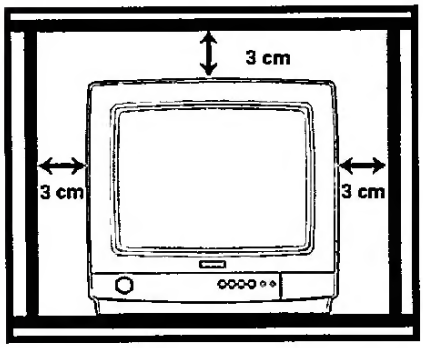
Safety Information

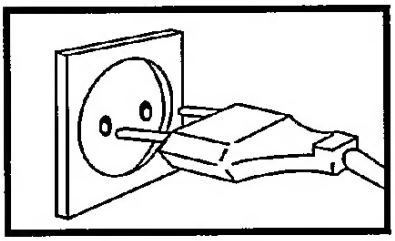
Positioning of the TV



- Place TV set on a solid base (e.g. a TV/Vidao cabinet)
- Laave at least 3 cm around each side of TV set for ventilation to avoid over-heating.
- Do not place TV set near a radiator or other sources of heat.
- Do not place TV set where it can be axposed to rain or excessive moisture.

English

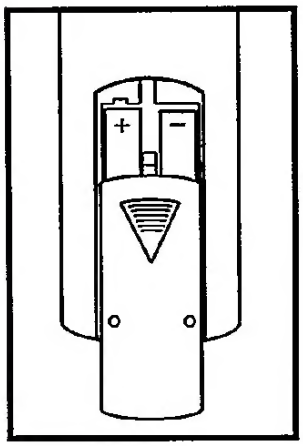
Power Connection



- For correct mains voltage, refer to Specification page.
- Consult your dealar if mains supply is different.

NOTE :
This plug is not rapresentative of the actual plug and socket.

Care of Remote Control handset



- Always remova the batteries from the remote control handset if handset is not used for a long period. This can help prevent damage to handset from possible battery leakage.

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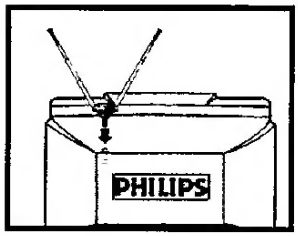
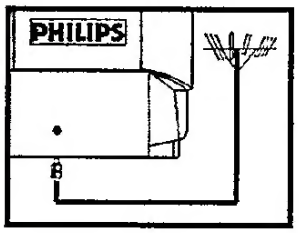
PRE-INSTALLATION

English

ANTENNA CONNECTION

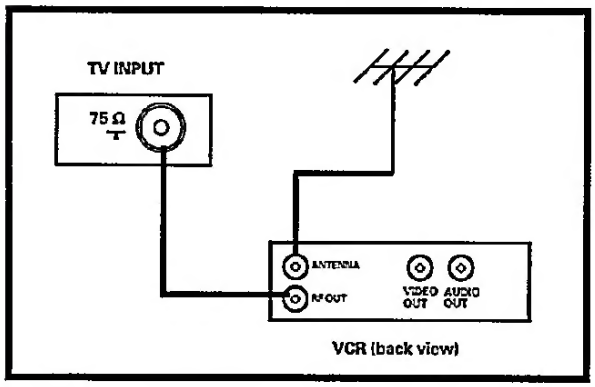


- For indoor antenna, attach it to the mounting socket of the backcover.
- Connect aerial plug to the antenna socket ⊤ on the backcover.

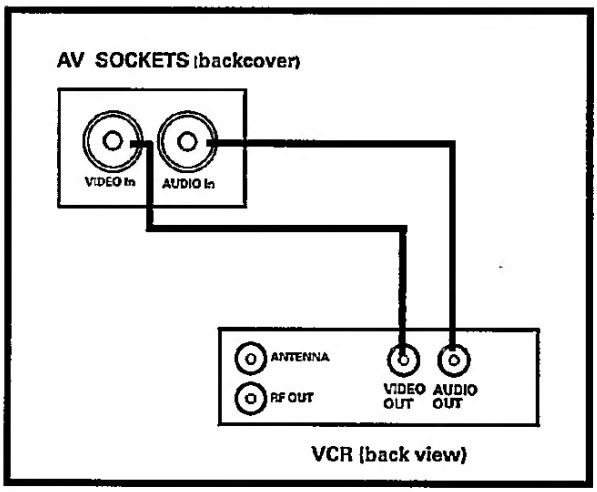


- For external antenna, connect the aerial plug to the antenna socket ⊤ on the backcover.

PERIPHERAL EQUIPMENT CONNECTION



- Connect antenna to Antenna RF Input of VCR.
- Connect RF cable from RF Output of VCR to the Antenna Input ⊤ of the TV.



- Connect the VIDEO in and AUDIO in sockets of the TV to the VIDEO out and AUDIO out sockets of the VCR for playback programmes. (Applicable to sets with AV mode only)

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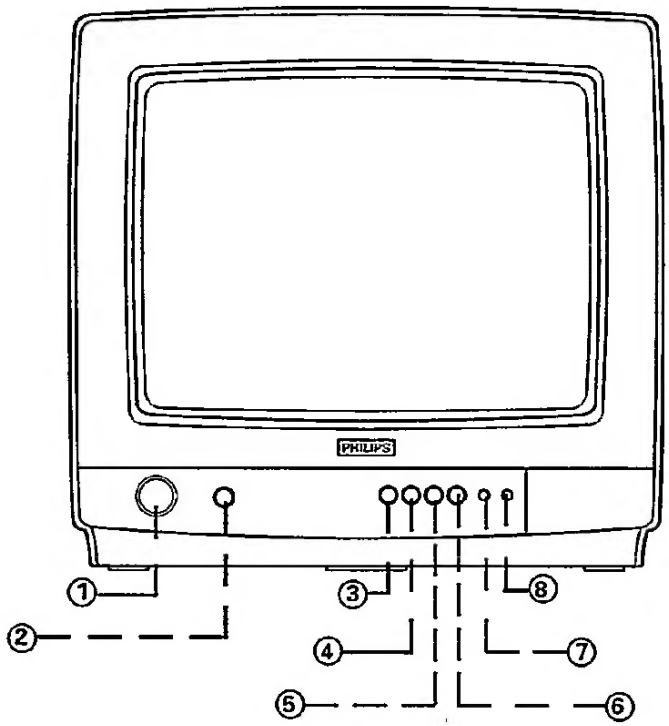
NAME AND FUNCTION OF CONTROLS



FUNCTIONS OF TV

①	Main Power button	Turns main power on and off.
②	Headphone socket	Connects headphone jack to socket for personal listening. (Applicable for certain models/versions only)
③	Volume Down button	Adjusts sound volume softer.
④	Volume Up button	Adjusts sound volume louder.
⑤	Channel Down button	Selects channel backward.
⑥	Channel Up button	Selects channel forward.
⑦	Stand-by light indicator	Indicates red light when stand-by is on.
⑧	Remote Sensor	Aim remote control here.

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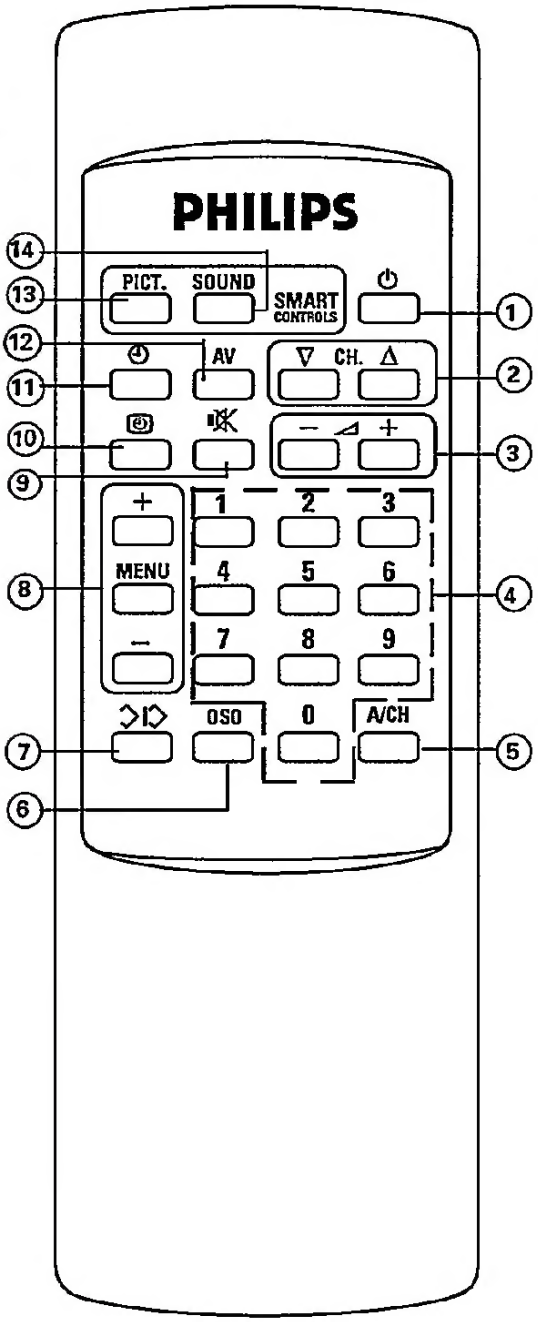
English



FUNCTIONS OF REMOTE CONTROL

①	Stand-by button	Turns TV on and off when main power is on.
②	Channel Up/Down button	Selects channels preset on programme number.
③	Volume Up/Down button	Adjusts sound volume louder or softer.
④	Digit (0 - 9) button	Selects channel directly. Press desired number to select(one digit). For two-digit channel number, press the first digit followed by the second digit.
⑤	Alternate channel button	Alternates last viewed channel and present channel.
⑥	On Screen Display button	Displays channel number and sleep-timer.
⑦	Install button	Starts installation menu and store new settings.
⑧	Menu and Menu Up/Down button	Selects and start the various menu.
⑨	Mute button	Mutes sound temporarily.
⑩	On-Timer button	Not applicable.
⑪	Clock button	Not applicable
⑫	AV button	For AV playback programmes. (For sets with AV mode).
⑬	Smart Picture button	Allows you a choice of 4 picture settings.
⑭	Smart Sound button	Allows you a choice of 4 sound settings.

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INSTALLATION

Operating instructions generally explains the operation of the TV using the buttons on the remote control.

SEARCHING AND STORING TV CHANNELS

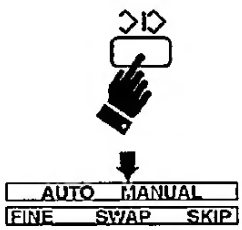
You can saarch and store TV channels with your remote control handset either by **AUTOMATIC** installation or **MANUAL** installation through the installation menu.

AUTOMATIC installation enables you to search and store TV channels automatically.
MANUAL installation enables you to search and store TV channels manually by antering your preferanca channal number for evary available station.

English

HOW TO GET INTO THE INSTALLATION MENU

Prass button to start installation menu.



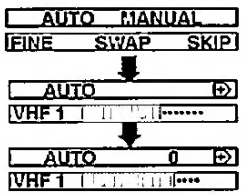
This manu allows you to do :
- Automatic Installation
- Manual Installation
- Fine Tuning
- Swapping of Channels
- Skipping of Channels

HOW TO START AUTOMATIC INSTALLATION

Step 1 • Press button to start installation menu. (**AUTO** menu is automatically highlighted first).

Step 2 • Press **MENU** button to start **AUTO** mode.

Step 3 • Press **MENU** + button to start **AUTO** installation.



NOTE : Installation menu will axit automatically whan all available stations ara storad. Channel 1 will then ba displayed.

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HOW TO START MANUAL INSTALLATION

Step 1 • Press button to start installation menu and press button again to highlight **MANUAL** menu.

Step 2 • Press **MENU** button to start **MANUAL** mode.

Step 3 • Press **MENU** — button to select either UHF 1, VHF 1 or VHF 3 band.

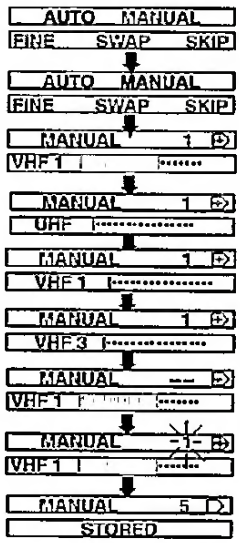
Step 4 • Press **MENU** + button to start **MANUAL** installation.

Step 5 • Enter your preference number for that available channel once e blinking channel number appears.

Step 6 • Press button to store channel number.

Step 7 • Repeat Step 3 to Step 5 to install other channels.

Step 8 • Press button to exit from menu.



HOW TO DO FINE TUNING

To achieve optimum picture and sound quality, you can use the **FINE TUNING** feeture to adjust the picture and sound quality.

Step 1 • Select the channel which you want to fine tune.

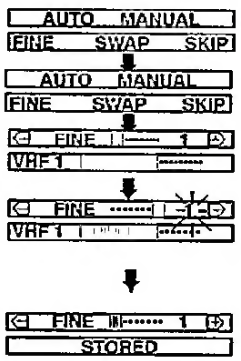
Step 2 • Press button to start instellation menu.
and press button until **FINE** is highlighted.

Step 3 • Press **MENU** button to start **FINE** mode.

Step 4 • Press and hold **MENU** + or — button until the desired picture and sound is obtained. A blinking channel number will then appear on the screen.

Step 5 • Press button to store new setting.
Repeat all the above steps if you wish to do a fine tuning for other channels.

Step 6 • Press button to exit from menu.



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INSTALLATION

HOW TO SWAP CHANNEL NUMBERS

You can change tha channel number to your choice for a particular TV station. Select tha SWAP feature in the installation menu to re-arrange the TV stations according to the channel numbars of your choica.

Step 1 • Select the channel which you want to swap.

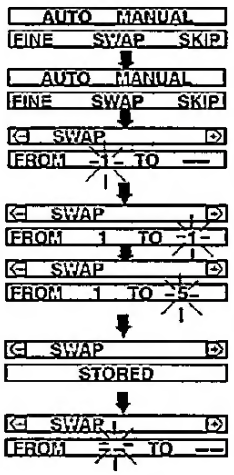
Step 2 • Press ⊃▷ button to start installation menu. Press ⊃▷ button until **SWAP** is highlighted.

Step 3 • Press **MENU** button to start **SWAP** mode. The current channel is flashing and is indicated in the **FROM** column.

Stap 4 • Press **MENU** + button to select the **TO** column. Enter the channel number you want to swap here.

Step 5 • Press ⊃▷ button to start **SWAP** function to store the swapped channels. Aftar tha swappad channel is stored, the **FROM** "– –" and **TO** "– –" symbol will appear immediately. If you want to continue swapping other channel, enter the channel number in the **FROM** "– –" column and the other channel that you want to swep to in the **TO** "– –" column.

Step 6 • Press ⊃▷ button again to exit from menu.



English

HOW TO SKIP CHANNEL NUMBERS

This feature allows you to skip those channels which have bad or weak TV station signal by the **CHANNEL** Δ or ∇ button on the remote control.

Step 1 • Press ⊃▷ button to start installation menu. Press ⊃▷ button until **SKIP** is highlighted.

Stap 2 • Prass **Menu** button to start **SKIP** mode.

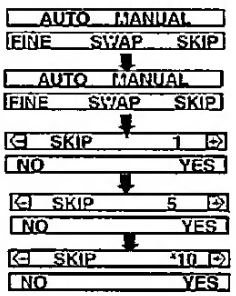
Stap 3 • Prass **Digit** button to select tha channal you want to skip.

Step 4 • Press **Menu** + button to select **YES**. Tha skipped channel will display a "x" on the top left hand of the channel number, e.g. **x10**.

Step 5 • Repeat Step 3 and 4 to skip other selected channels.

Step 6 • Press ⊃▷ button to exit from menu.

NOTE : Skipped channels can still be selected by pressing the digit button.



HOW TO ADD BACK THE SKIPPED CHANNEL NUMBERS

Step 1 • Repeat **Step 1** to **Step 4** .(As in "**How To Skip Channel Numbers**")

Step 2 • Press **MENU** – button to select **NO** and the channel wil be added to the memory. The "x" on the top left hand of the channel channel number will disappear. Press ⊃▷ button to exit from menu.

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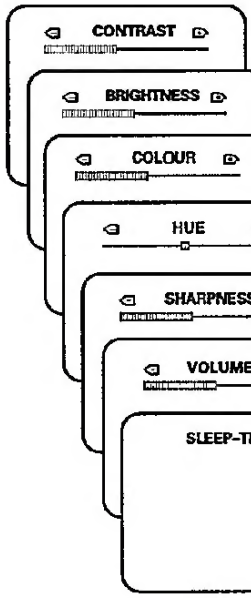
MENU OPERATION

The Picture and sound settings are pre-set for ideal viewing.

Step1 • Press **MENU** button to start menu.

Step 2 • Press **MENU** button repeatedly to cycle through menu.

Step 3 • Press **MENU** + or — to increase or decrease setting.



Adjusts the picture contrast : **weaker ⟷ stronger**

Adjusts the picture brightness : **darker ⟷ brighter**

Adjusts the colour intensity : **paler ⟷ stronger**

Adjusts hue : **purplish ⟷ green**

Adjusts the picture sharpness : **decrease ⟷ increase**

Adjusts the volume : **softer ⟷ louder**

Sets timer in steps of **15** minutes from **OFF** up to a maximun of **120** minutes.

NOTE • Hue adjustment is applicable to NTSC playback programmes only.
• Last viewed/selected function will appear if menu operation is activated again.

SLEEP-TIMER

This feature allows you to select a time period after which the set will switch to stand-by automatically. You can set the timer in steps of 15 minutes from OFF mode up to a maximun of 120 minutes.

Step 1 • Press **MENU** button to start menu.

Step 2 • Press **MENU** button egein until **SLEEP-TIMER** function is selected.

Step 3 • Press **MENU** + or — to select a time period.

12 PERSONAL PREFERENCE SETTINGS

- For programme number 0 to 10, you can make adjustment to picture settings to suit your preference. Adjusted picture settings for each programme number will be stored automatically under **PERSONAL** mode. (Refer to the next page on how to mede edjustment to your preferred setting).
- Adjusted volume level setting for programme 0 to 10 is also stored automatically.
- Each programme number (0 to 10) will therefore has its Personal Preference Setting for picture and volume level.
- For AV mode (if eny), you can also store your personel preference setting for picture and volume level.
- For programme number 11 to 69, personal preference setting for picture and volume level will be common. If any adjustment is made to the picture and volume setting, (for example, programme number 18), all the programme numbers from 11 to 69 will follow the picture end volume level setting of channel number 18.

English

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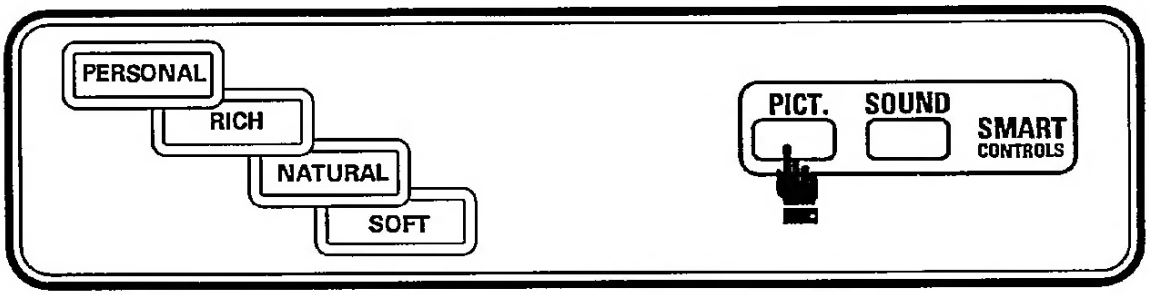
SMART CONTROLS

SMART PICTURE CONTROLS

Smart Picture offers you a choice of 4 picture settings – PERSONAL, RICH, NATURAL end SOFT



English

Definition of Picture Settings

PERSONAL	: Picture Settings are set to your preference.
RICH	: Emphasize very vibrant colours. (Suiteble for AV mode in brightly-lit room condition)
NATURAL	: Emphasize original colours.
SOFT	: Emphasize "warm" colours. (Suitable for dimly-lit room condition and gives cinema-like effect when light is switched off)

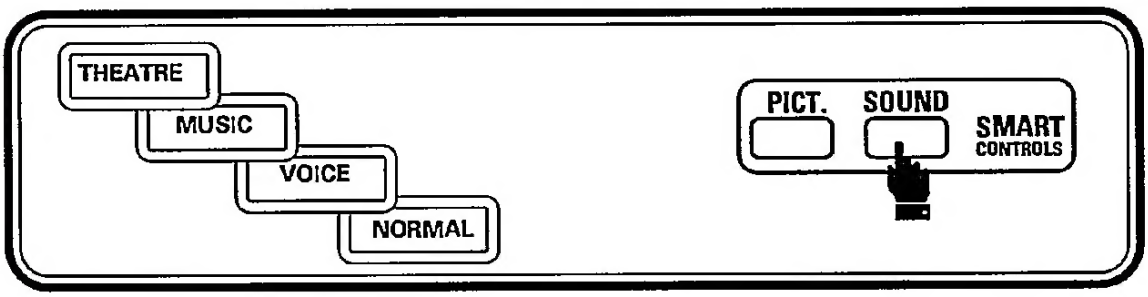
Adjustment cen be made to the picture settings to suit your preference and stored under PERSONAL mode through the menu operetion.

Step 1	• Select channel you want for picture and sound adjustment.
Step 2	• Press MENU button to start menu.
Step 3	• Press MENU button repeatedly to cycle through menu and select menu items.
Step 4	• Press MENU + or — to increase or decrease setting.
Step 5	• Press button to exit.

NOTE : The new settings will be stored in the PERSONAL mode in the SMART CONTROLS menu.

SMART SOUND CONTROLS

Smert Sound offers you e choice of 4 settings – THEATRE, MUSIC, VOICE and NORMAL.



Definition of Sound Settings

THEATRE	: Emphasize sensation to action. (Bass and Treble Boosted)
MUSIC	: Emphasize low tone (Bass boosted)
VOICE	: Emphasize high tone. (Treble boosted)
NORMAL	: Emphasize normal tone. (No boosting)

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SPECIFICATION

English

	14GX8310	14GX8510	14GX8512	20GX8350	20GX8550	20GX8552
Plx Tube Size	14" (34 cm)			20" (48 cm)		
Audio Output	3 W Front Firing Speaker					
Tuning System	VST					
Headphone Connection	Ø 3.5 mm (Applicable to certain models/versions)					
Rear Cconnection	Nil	AV In	AV In	Nil	AV In	AV In
Packed Set Dimensions : Width Height Depth	44.5 cm 41 cm 45 cm			58.5 cm 55.5 cm 57 cm		
Antenna Assembly	Rod Aerial 300/75 ohm adaptor			Nil		
Power Consumption	38 W			52W		
Weight (without packaging)	8.6 kg			18.4 kg		

		VERSIONS					
		50	52	57	58	59	75
TV System	PAL B/G/H	x	x				x
	PAL I			x			
	PAL/SECAM B/G/D/K				x	x	
	PAL 60 Playback	x	x	x	x	x	x
Operating Voltage	100 – 250 V ~, 50/60 Hz					x	
	170 – 250 V ~, 50/60 Hz	x	x	x	x		
	230 – 240 V ~, 50/60 Hz						x

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